

WHAT IS CLAIMED IS:

1 1. A cable holder for installing a plurality of elongated objects, comprising inner and
2 outer hangers each having a respective axis of symmetry and displaceably coupled to one another
3 between a deployed position, in which the axes of symmetry of the inner and outer hangers are
4 aligned, and an installation position, in which the axes of symmetry of the inner and outer
5 hangers are offset.

1 2. The cable holder of claim 1, wherein the inner and outer hangers each have a
2 respective body shaped and dimensioned to receive and secure a respective elongated object
3 upon displacing the inner and outer hangers from the installation position to the deployed
4 position, in which the elongated objects extend parallel to one another.

1 3. The cable holder of claim 2, wherein the body of the inner hanger has a substantially
2 C-shape defining a pair of arms, which are spaced equidistantly from the axis of symmetry of the
3 inner hanger in opposite lateral directions and are biased outwards from one another to define
4 therebetween a space configured to receive the respective elongated object.

1 4. The cable holder of claim 3, wherein the pair of arms of the inner hanger each are
2 recessed to have a respective pair of spaced apart hook portions defining therebetween a finger,
3 which is configured so that as the arms are compressed towards one another, the fingers
4 penetrate an aperture of a support at a distance sufficient for the hook portions to engage a rim of
5 the aperture upon ceasing an external compressive force applied to the arms of the inner hanger.

1 5. The cable holder of claim 4, wherein the fingers each have a respective locking barb
2 extending laterally outwards and configured to lock against the rim of the aperture of the support.

1 6. The cable holder of claim 3, wherein the C-shaped body of the inner hanger has a U-
2 shaped recessed region spaced midway between the pair of arms and extending perpendicular to
3 the axis of symmetry of the inner hanger so that the U-shaped recessed region interrupts a
4 continuous curvature of the C-shaped body to allow the pair of arms to flex upon applying a
5 compressive force thereto relative to the U-shaped recessed region.

1 7. The cable holder of claim 6, further comprising a pair of spaced apart pins straddling
2 the axis of symmetry of the inner hanger and extending parallel thereto through the U-shaped
3 recessed region, one of the pins extending through and coupled to the outer hanger so that the
4 inner and outer hangers are rotatable relative to one another between the deployed and
5 installation positions.

1 8. The cable holder of claim 7, wherein the other pin is shaped and dimensioned to
2 frictionally engage the outer hanger in the deployed position of the inner and outer hangers.

1 9. The cable holder of claim 8, wherein the outer hanger is provided with an opening
2 shaped to snappingly receive the other pin in the deployed position, the cable holder further
3 comprising a plate extending between the inner and outer hangers perpendicular to the axes of
4 symmetry of the inner hanger and provided with a hook configured to provide engagement and
5 prevent further displacement between the inner and outer hangers in the deployed position.

1 10. The cable holder of claim 9, wherein the plate is mounted to one of the inner hanger
2 or outer hanger.

1 11. The cable holder of claim 9, wherein the body of the outer hanger has a pair of arms
2 each provided with:

3 a respective inner and outer free end portion spaced axially from one another, the inner
4 portions of pair of arms being fixed to one another to form a U-shaped inner region of the body
5 of the outer hanger adjacent to the plate, and

6 a respective central outwardly concave portion bridging respective inner and outer free
7 end portions, wherein the central outwardly concave portions of the pair of arms are juxtaposed
8 with one another to define a space receiving a respective elongated object.

1 12. The cable holder of claim 11, wherein the U-shaped inner region of the body of the
2 outer hanger has

3 a recess, configured to receive and engage the hook of the plate in the deployed position
4 of the inner and outer hangers, and

5 at least one opening receiving the other pin in the deployed position of the inner and outer
6 hangers.

1 13. The cable holder of claim 11, wherein the outer free end portion of one of the pair of
2 arms of the outer hanger is recessed to have two end lugs flanking a central lug, the two end lugs
3 being aligned with one another and offset relative to the central lug.

1 14. The cable holder of claim 13, wherein the other outer free end portion of the other
2 one of the pair of arms has a locking member mounted rotatably to selectively engage the central
3 lug of the one arm upon receiving a respective elongated object of a relatively small diameter
4 between the pair of arms of the outer hanger or the end lugs thereof upon receiving a respective
5 elongated object of a relatively large diameter.

1 15. The cable holder of claim 11, wherein the body of the outer hanger is provided with
2 at least one reinforcing rib, the respective elongated object being a cable or a pipe.

1 16. The cable holder of claim 2, wherein the inner and outer hangers are slidably coupled
2 to and linearly displaceable relative to one another in a plane extending parallel to a longitudinal
3 direction of the elongated objects between the deployed and installation positions.

1 17. The cable holder of claim 16, wherein one of the inner and outer hangers is provided
2 with a recess slidably receiving a flange, which is provided on the other one of the inner and
3 outer hangers so that the inner and outer hangers slide relative to one another between the
4 deployed and installation positions.

1 18. A method of securing a cable holder including an inner hanger and at least one outer
2 hanger, which are configured to receive multiple elongated objects, to a support, the method
3 comprising the steps of:

4 displacing the at least one outer hanger and inner hanger relative to one another so that
5 symmetry axes of the inner hanger and at least one outer hanger are offset from one another; and
6 applying a force to the inner hanger, thereby engaging the inner hanger with the support
7 upon inserting a respective one of the multiple elongated objects through the inner hanger.

2 19. The method of claim 18, wherein the step of displacing the inner hanger and at least
3 one outer hanger includes rotating the inner hanger and at least one outer hanger relative to one
4 another.

1 20. The method of claim 18, wherein the step of displacing the inner hanger and at least
2 one outer hanger includes linearly sliding the inner hanger and at least one outer hanger relative
3 to one another.